



FIG. 2A

	MOTION (TRASELTARY) INFORMATION	Symbol	operation on raw data	Explanations
•	Time span	Т	range	
	Region	R	area, ∩	•
	Begin point	В	C	contained in
	End point	E	C	contained in
	Speed range	S	∩, ⊂, ⊃	•
	Direction	V	≈ _e	
	Accel range	Α	∩, c, ⊃	
	Shape	Н	≈	
	Path	P	$\sum_{t} =_{t} =_{o}$	union, time shifted, overlap

FIG. 2B

	Begin point B End point E Speed range S Direction V Accel range A Shape H Path P	contained in contained in \cap , \subset , \supset $\stackrel{\approx_0}{\sim}$ \cap , \subset , \supset $\stackrel{\approx}{\sim}$ $\sum_{i}, \approx_{i}, \approx_{o}$ union, time shifted, overlap	FIG.	
***************************************	Motion patterns examples	Query based on operators (α, β are user input/parameters)	J 310	
300	Object stopping Object moving fast Active region Source region Beaten path Road Convoy Ran a traffic light Illegal parking			

FIG. 3

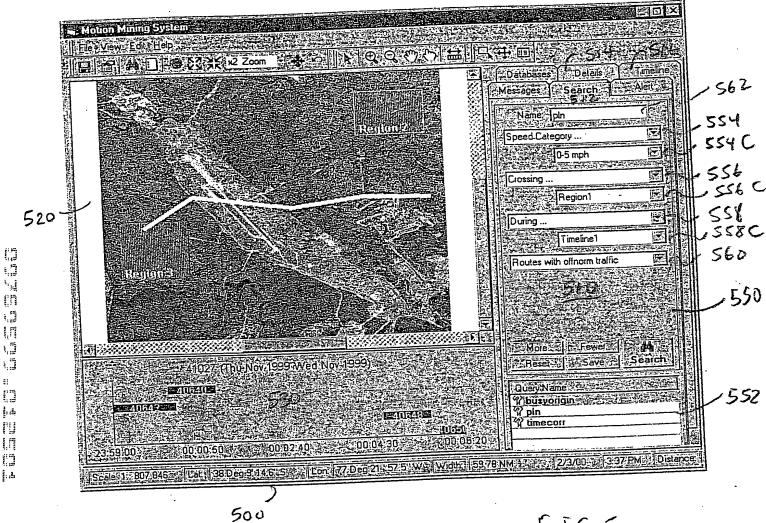


FIG 5

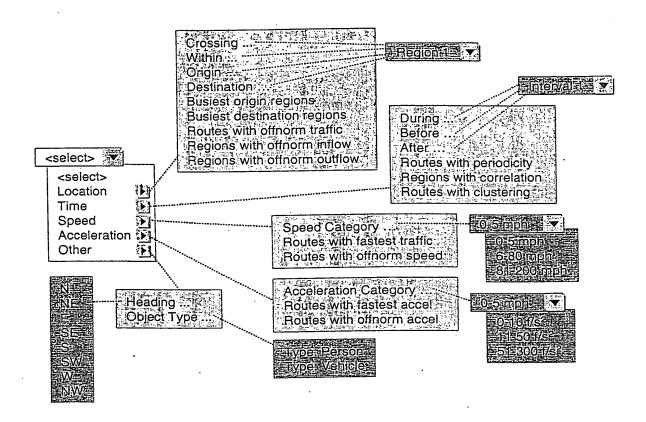


FIG. 6

Messages P Le Search 2	a Ala		1	_			
1,35				· >	16		
Databases Details T	meiin 300 a						
- Vi≼Lime Interval							
ESIAN DAIE / 11/14/99							
4Stan Date / 11/14/99							
Start Time 2 12:00:00 AM							
Start Time 37 1200 00 AM		7					
			H		•		
End Date: 714/99			3				
		WAT		nber	100		1.35
End time: 2:00:00 AM		1		7.6.C.			
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	31	1	2	3	4	5	6
	7	8	9	10 17	11 18	12 ⁻ 19	13 20
	21	15 22	16 23			26	27
Committee Fees	28	29	30	1	2	3	4
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A. Time Co. of	آح		lay:	2/3/	00_		
latawa imempei	Timeline1 (二) Today: 2/3/00						

FIG. 7 FIG 8

Databases Details Timeline

o. sm. sm. sm. oup 4 027

40640

☑ 40642

40648

40650

Thu Nov 11 00:00:10 199

Wed Nov 10 23:59:00 19

Thu Nov 11 00:04:40 195

Thu Nov. 11 00:05:50:199

